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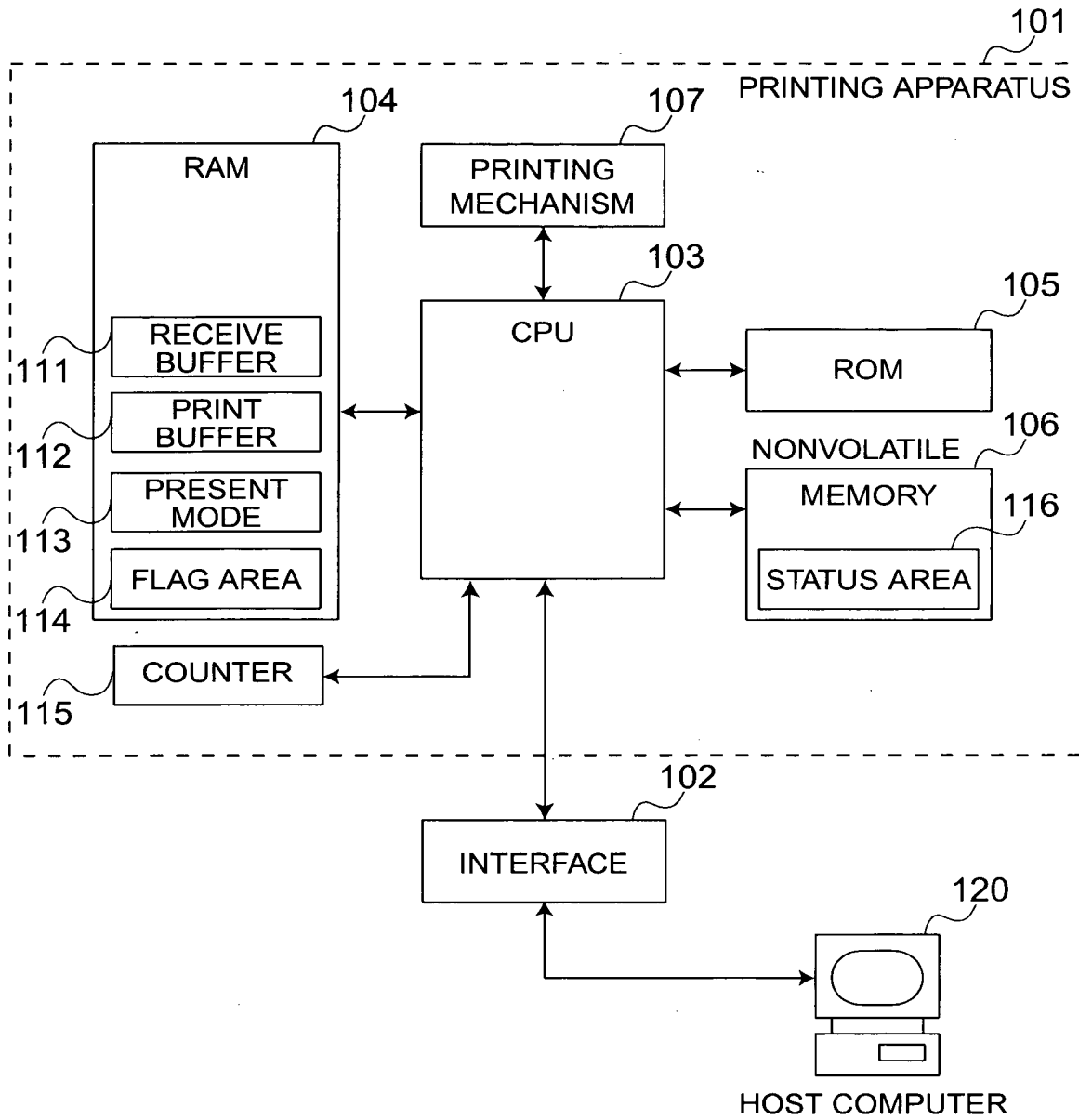


FIG. 1

```

graph TD
    Start([RECEIVE INTERRUPTION PROCESSING]) --> S201[S201  
STORE RECEIVED DATA  
IN RECEIVE BUFFER]
    S201 --> S202{S202  
REAL-TIME  
PROCESSING  
INBIBITED ?}
    S202 -- Yes --> S204[S204  
UPDATE MODE]
    S202 -- No --> S203[S203  
OBTAIN MODE]
    S203 --> S204
    S204 --> End([RETURN])

```

FIG. 2

```

NUL      / SEND OF PRINTER STATE
BEL      / SEND OF INK STATE
BS       / SEND OF MICR STATE
EOT      / SETTING OF REAL-TIME
          PROCESSING INHIBITION
          TIMER INTERRUPTION

```

OTHERS / ε

OTHERS THAN DLE / ε

SOH	/ OUTPUT OF DESIGNATED PULSE
BS	/ CLEARING OF BUFFER
OTHERS	/ ϵ

ENQ / REAL-TIME
REQUEST OF
PRINTER
OTHERS / ε

 $(DLE / \varepsilon$

OTHERS /ε

DC4 / ε
$$EOT / \varepsilon$$

STX / TURNING-OFF
OF POWER SUPPLY
OF PRINTER

END OF OPERATION

FIG. 3

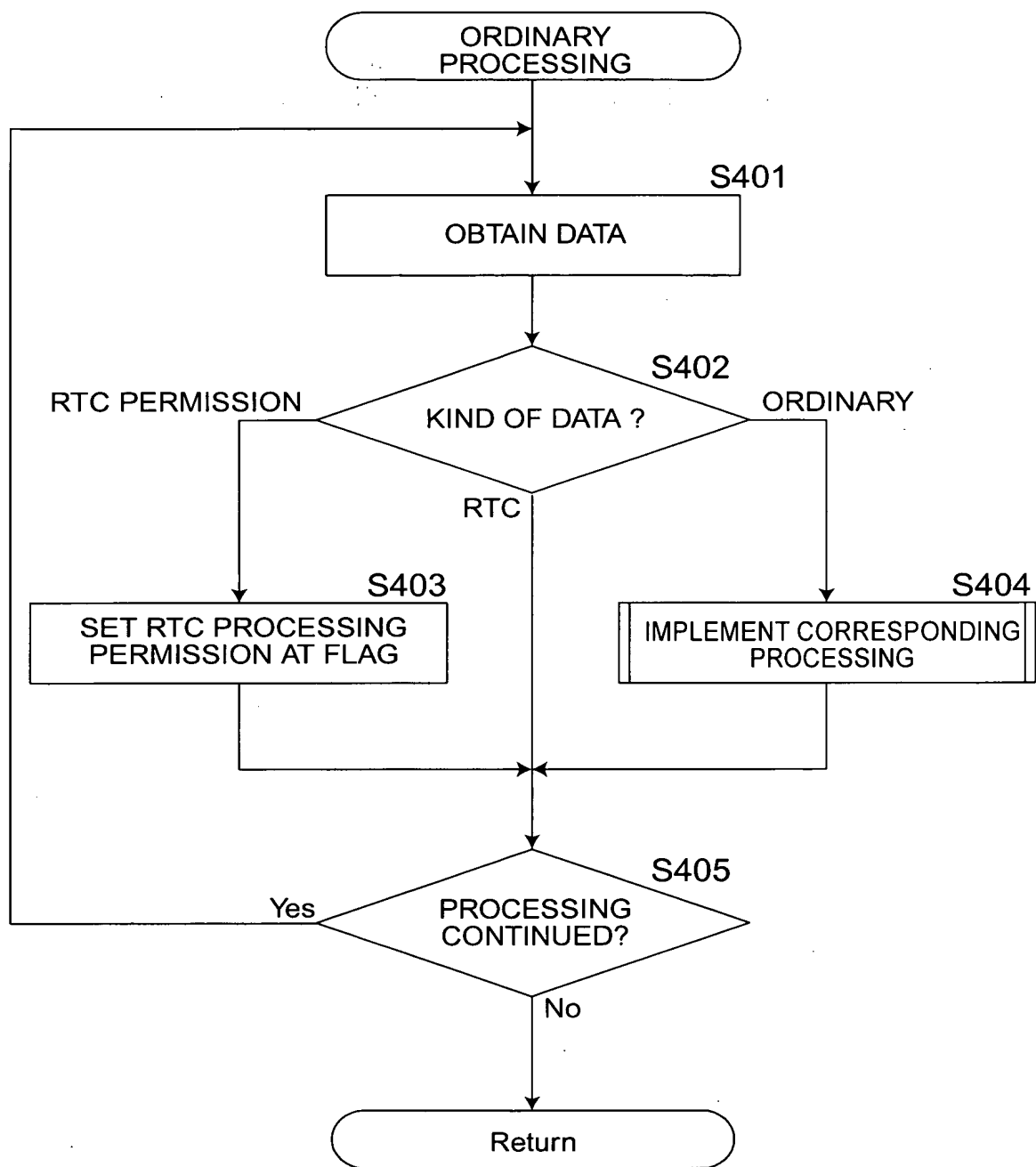
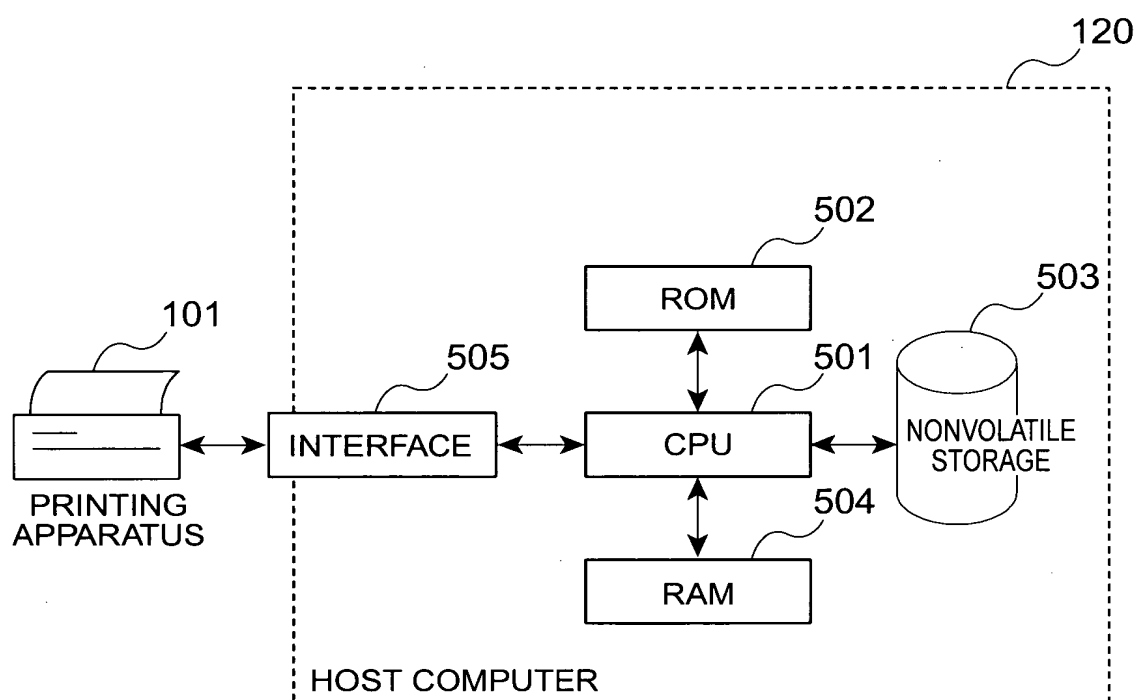


FIG. 4



00020" 18582560

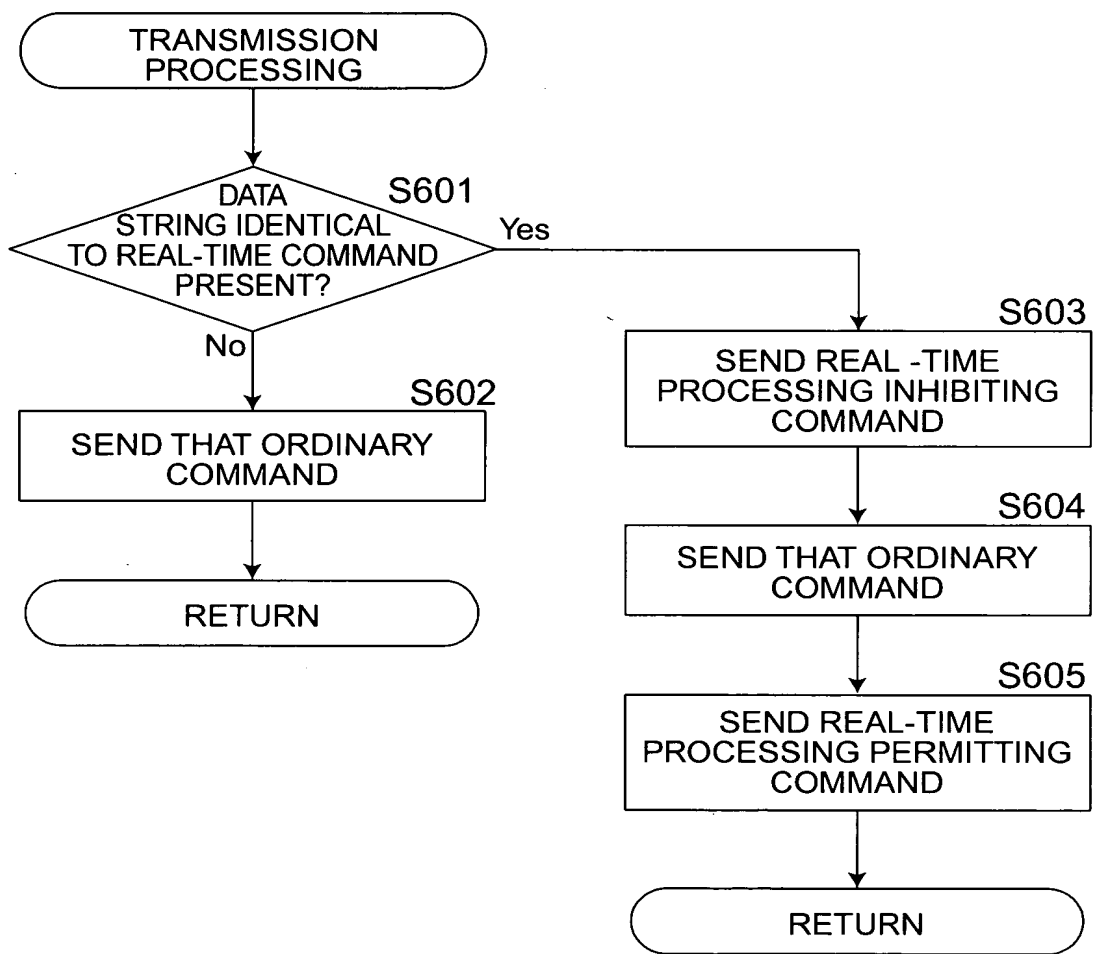


FIG. 6

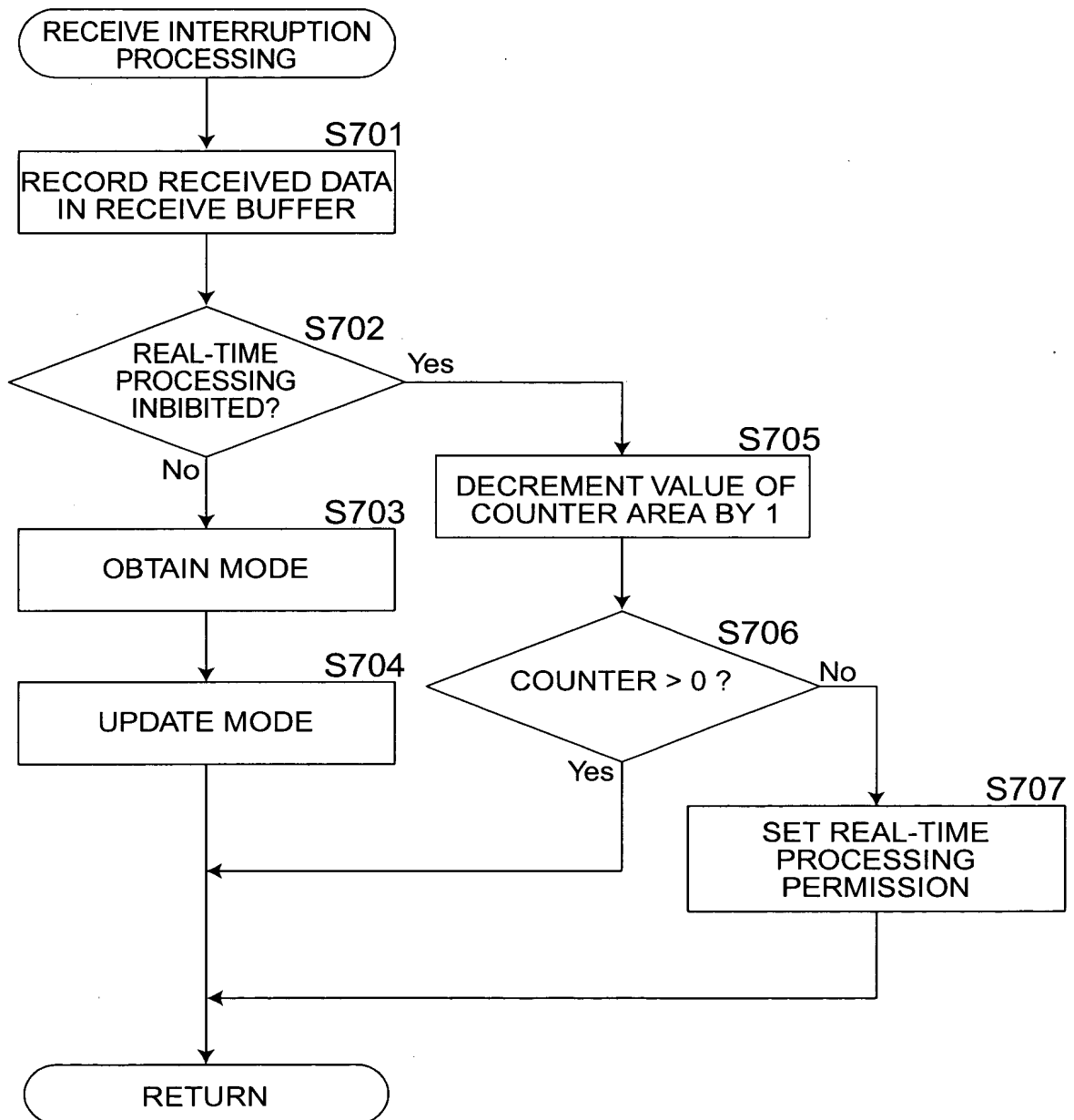


FIG. 7

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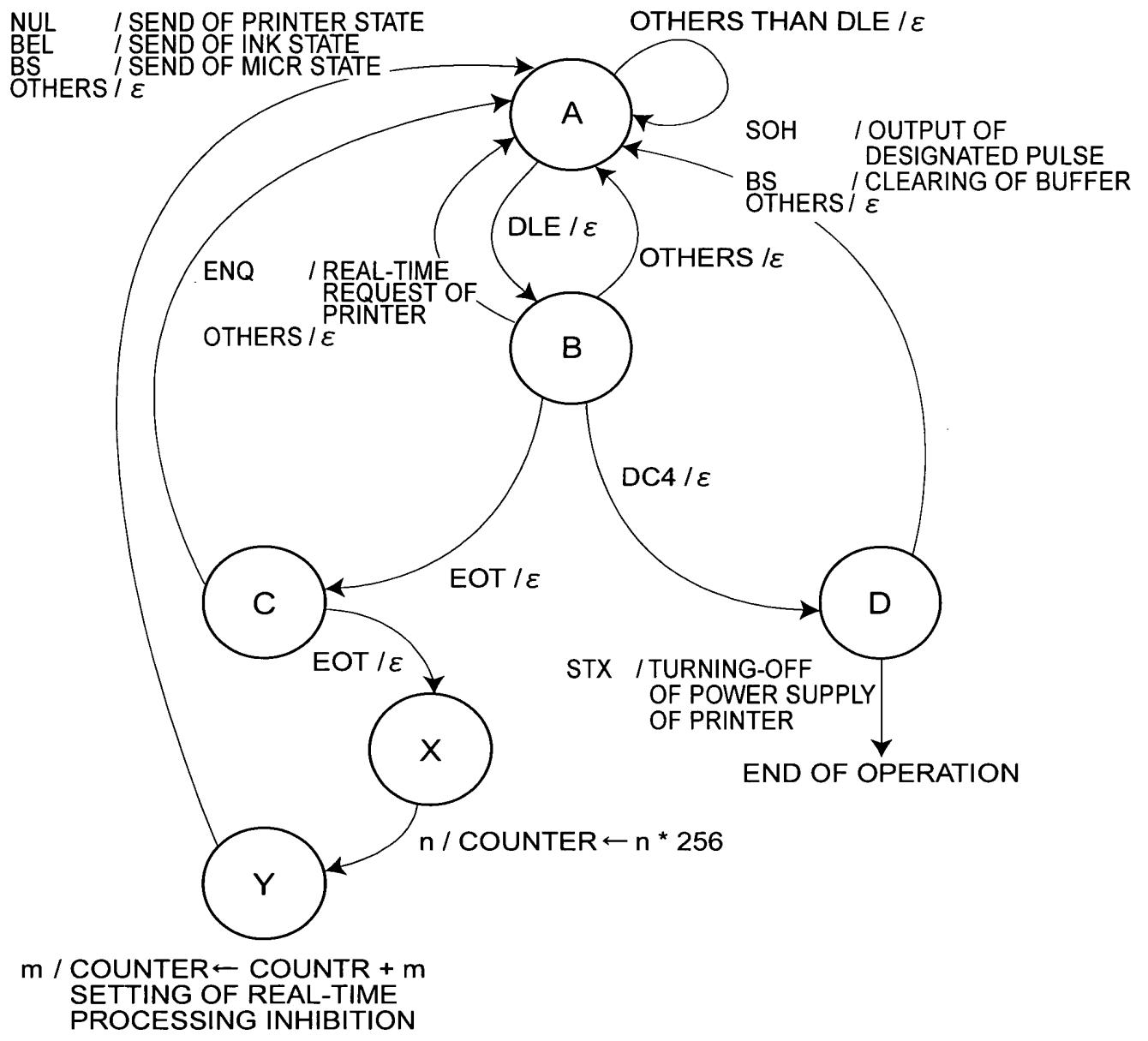


FIG. 8


```

graph TD
    Start([RECEIVE INTERRUPTION PROCESSING]) --> S901[S901  
STORE RECEIVED DATA  
IN RECEIVE BUFFER]
    S901 --> S902[S902  
OBTAIN MODE]
    S902 --> S903[S903  
UPDATE MODE]
    S903 --> S904{S904  
REAL-TIME  
PROCESSING NEEDED?}
    S904 -- No --> S906[S906  
PROCESS COMMAND]
    S904 -- Yes --> S905{S905  
REAL-TIME  
PROCESSING INHIBITED?}
    S905 -- No --> S906
    S905 -- Yes --> S904
    S906 --> End([RETURN])

```

FIG. 9

```

graph TD
    Start([ORDINARY PROCESSING]) --> S1001[S1001  
OBTAIN DATA]
    S1001 --> S1002{S1002  
KIND OF DATA ?}
    S1002 -- "RTC PERMISSION  
or  
INHIBITION" --> S1003[S1003  
SET PERMISSION OR  
INHIBITION OF RTC  
PROCESSING IN FLAG]
    S1002 -- "ORDINARY" --> S1004[S1004  
IMPLEMENT  
CORRESPONDING  
PROCESSING]
    S1002 -- "RTC" --> S1005{S1005  
PROCESSING  
CONTINUED?}
    S1003 --> S1005
    S1004 --> S1005
    S1005 -- "Yes" --> S1002
    S1005 -- "No" --> End([Return])

```

FIG. 10

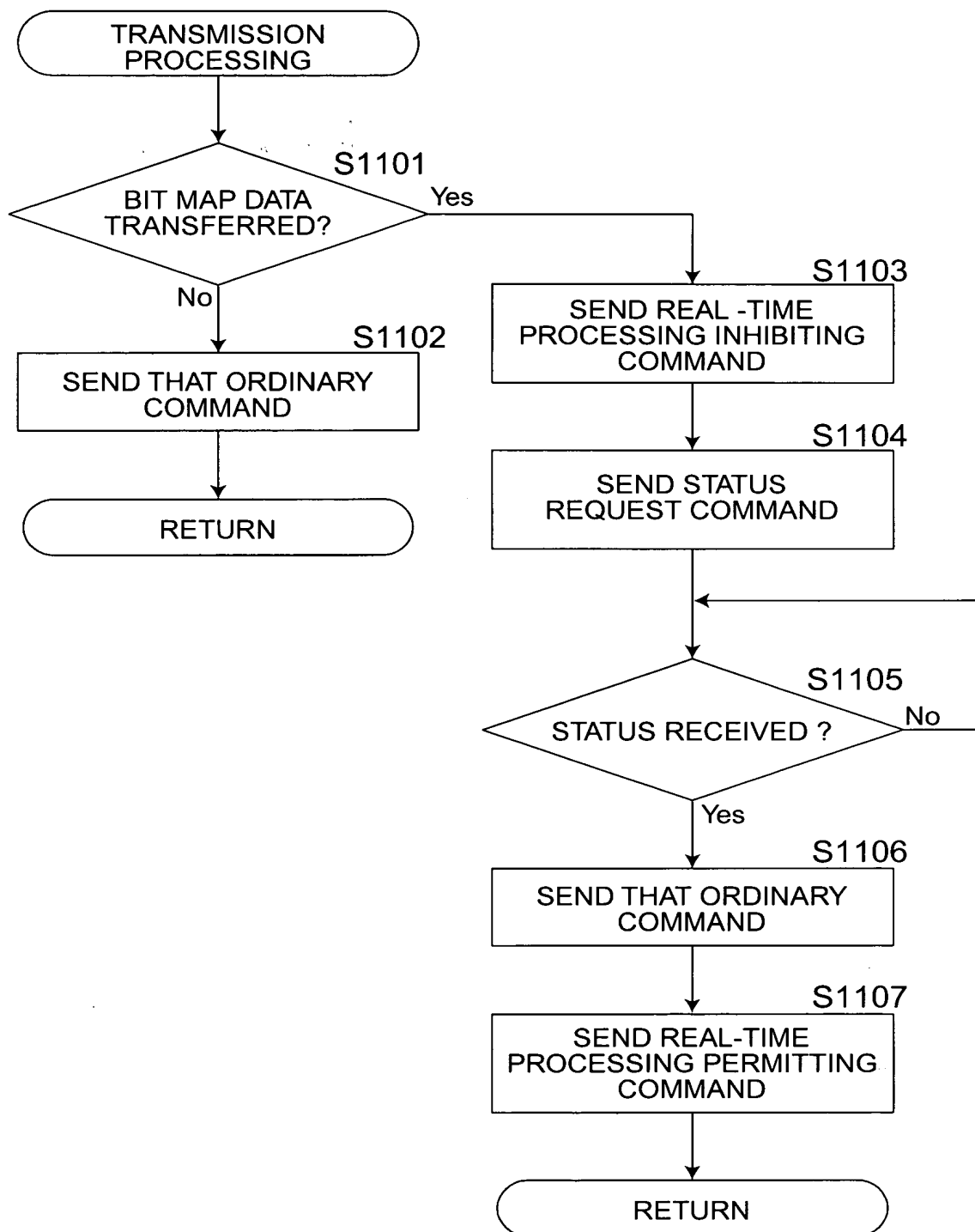


FIG. 11

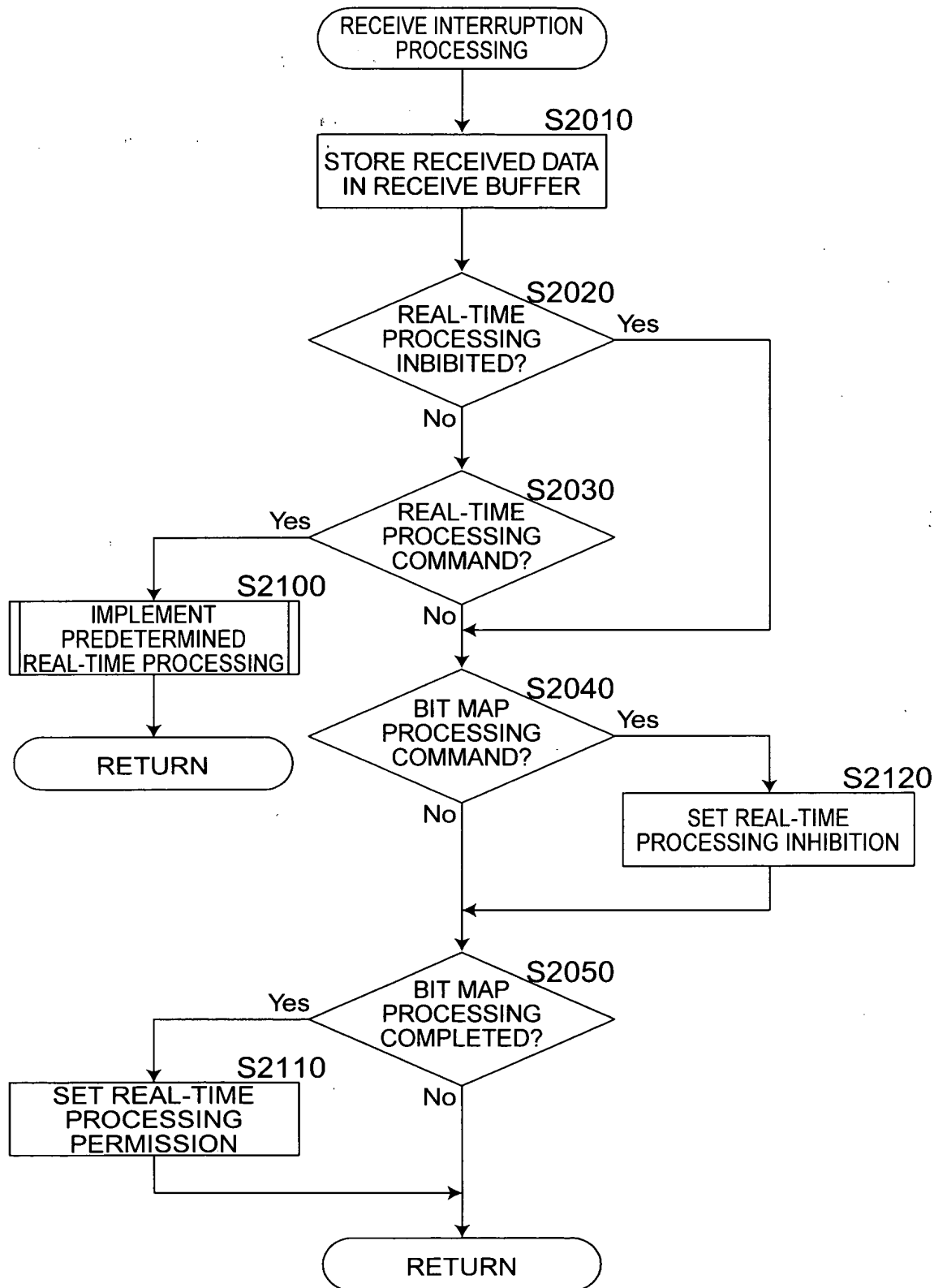


FIG. 12

```

graph TD
    A((A)) -- "DLE / ε" --> B((B))
    B -- "OTHERS / ε" --> A
    A -- "ENQ / REAL-TIME REQUEST OF PRINTER, OTHERS / ε" --> C((C))
    C -- "OTHERS / ε" --> A
    A -- "DC4 / ε" --> D((D))
    D -- "BS, OTHERS / ε" --> A
    D -- "COMPLETION OF BINARY DATA PROCESSING / RTP PERMISSION" --> E((E))
    E -- "1 / RTP INHIBITION" --> A
    E -- "* / RTP INHIBITION & / RTP INHIBITION" --> e1((e1))
    e1 -- "OTHERS / ε" --> e1
    e1 -- "ESC / ε" --> A
    e2((e2)) -- "OTHERS / ε" --> e2
    e2 -- "FS / ε" --> A
    e3((e3)) -- "OTHERS / ε" --> e3
    e3 -- "g / ε" --> A
  
```

1

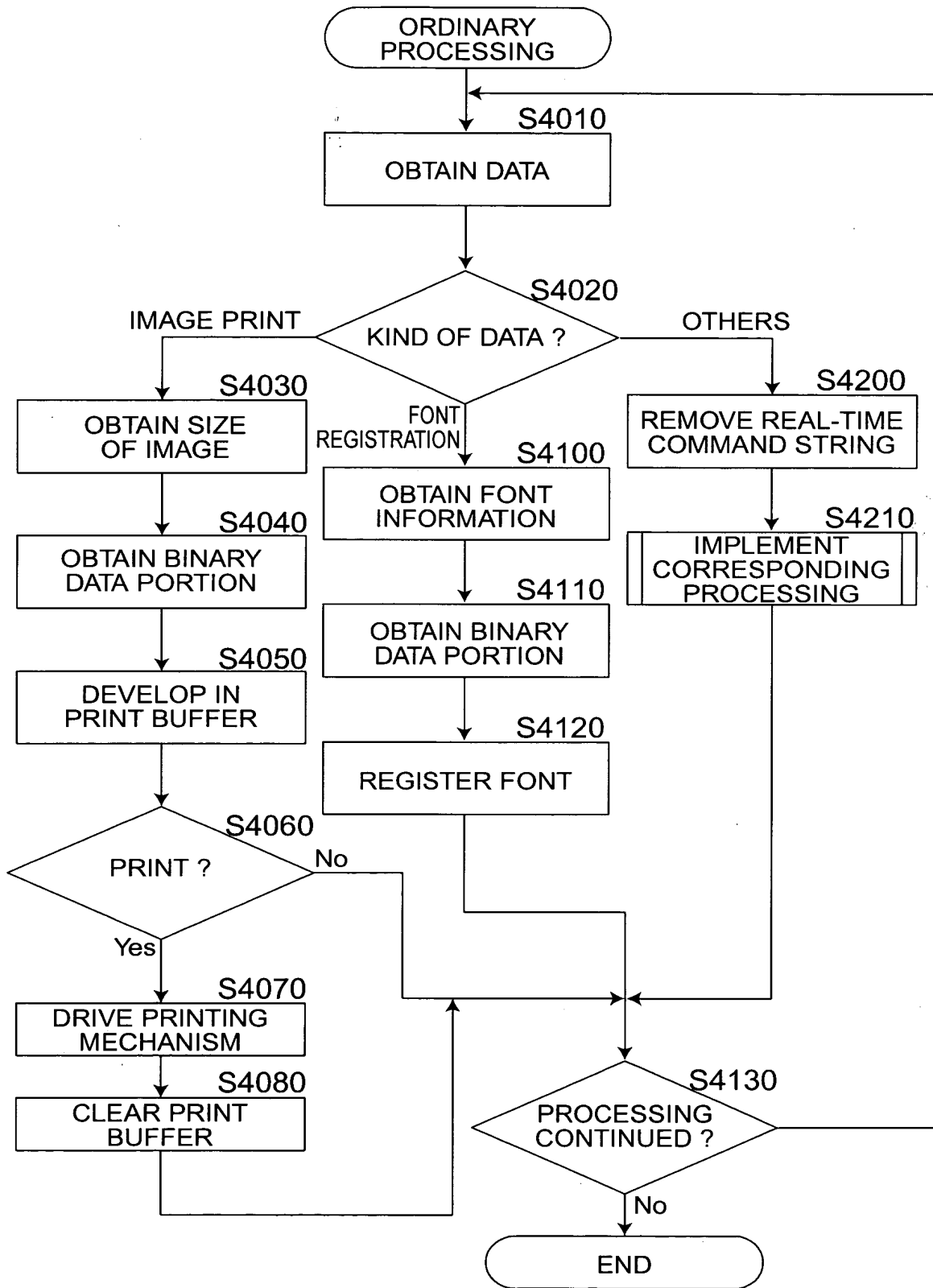


FIG. 14